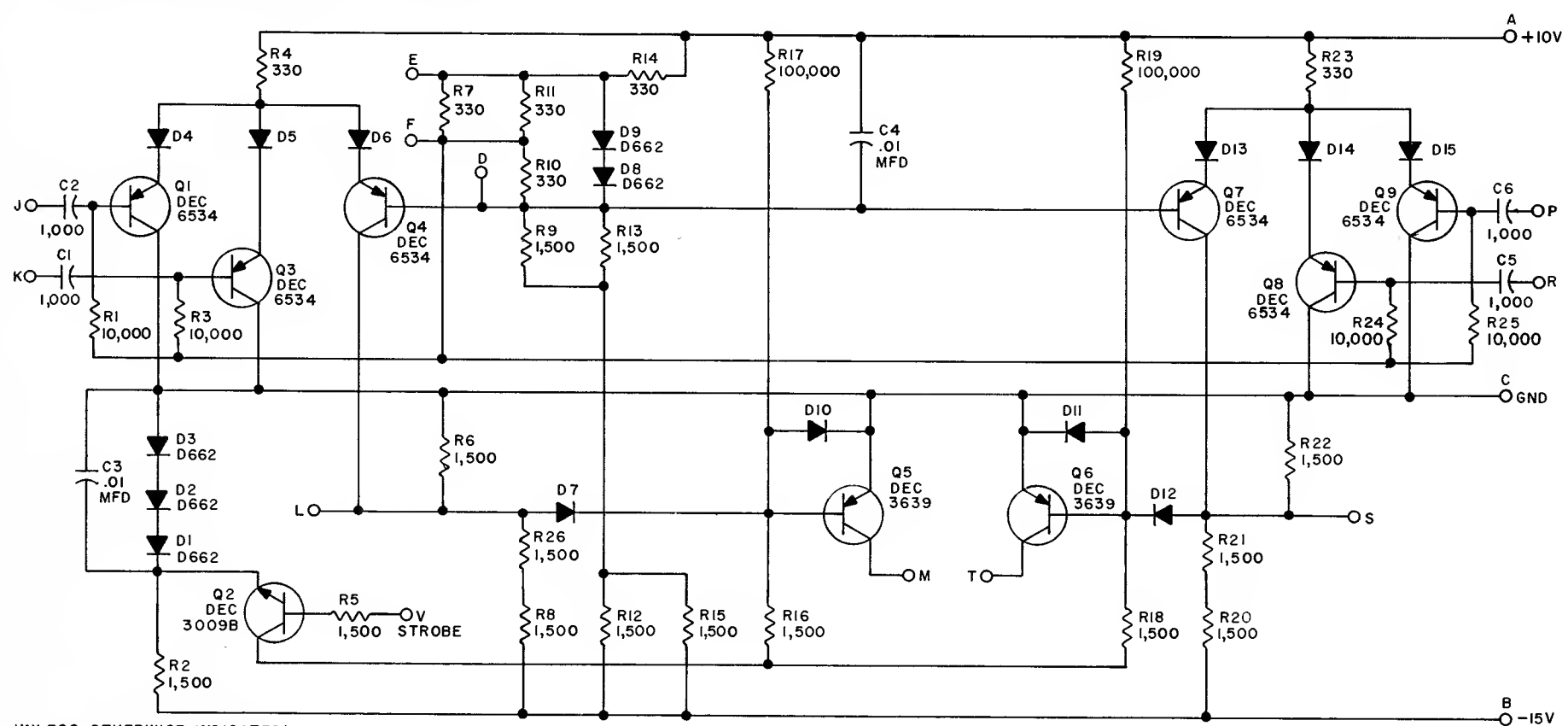
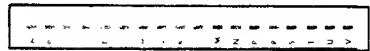


REV 1-0-01 6803-0-1 CS B SIZE

THIS SCHEMATIC IS FURNISHED ONLY FOR TEST AND MAINTENANCE PURPOSES. THE CIRCUITS ARE PROPRIETARY IN NATURE AND SHOULD BE TREATED ACCORDINGLY. COPYRIGHT 1966 BY DIGITAL EQUIPMENT CORPORATION



UNLESS OTHERWISE INDICATED:
RESISTORS ARE 1/4W; 5%
DIODES ARE D664
CAPACITORS ARE MMFD



REVISIONS CHK CHG NO REV 	DRN	DATE	TRANSISTOR & DIODE CONVERSION CHART				TITLE	
	CHK'D	DATE	DEC	EIA	DEC	EIA	RECTIFYING SLICER G803	
	ENG	DATE	DEC3009B	2N3009			SIZE	CODE
	PROD	DATE	DEC3639	2N3639			B	CS
			DEC6534	MPS6534			NUMBER	
			D662	1N645			G803-0-1	
			D664	1N3606			REV	
EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS							PRINTED CIRCUIT REV A	

DEC FORM NO
DRB 102

SPECS



FLIP CHIP MODULES TEST DATA

TYPE: G803

RECTIFYING SLICER

TEST	CONDITIONS	MINIMUM	MAXIMUM
VOLTAGE D-E	NORMAL POWER	/	-1.2 → -1.4V
VOLTAGE D-F	NORMAL POWER	/	-0.8 → -1.0 V
LOWER LEVEL	STROBE GROUND NO INPUT	-3.2 v	-3.9 v
UPPER LEVEL	STROBE -0.5V, 20MA LOAD ON OUTPUT, -2.0V TO L,S	/	- ≤300 mV
STROBE INPUT CURRENT	V TO GROUND	/	≤0.9 MA
TEST POINT L,S	NO INPUT	+1.2 v	+1.6 v
STROBE DISABLE	-2.0V TO STROBE 3V INPUT CHECK FOR NO OUTPUT	✓	
SLICE THRESHOLD	-0.5V TO STROBE, VARY INPUT, 1μS WIDE PULSE	-1.2 v	-1.6 v
SLICE TTT	2.4V, 1μS PULSE, GROUND STROBE, 50% TO 50%	RISE	≤60 NS
		FALL	≤60 NS
STROBE TTT	SAME 50% TO 50%	RISE	≤80 NS
OUTPUT PULSE WIDTH	3.0V 20μS WIDE INPUT 50% TO 50%, GROUND STROBE	6 μS	10 μS

TECHNICAL INFORMATION

Instruction literature and technical bulletins are available on all digital products. If you would like to be added to our mailing list for this type of material or if you have any questions about the equipment you have purchased, please contact the nearest Digital Sales Office.

MAINTENANCE INFORMATION

Repair of printed circuitry should be done with a low voltage, fatty cool soldering iron to prevent damage to the transistors and keep the copper from lifting. Oscilloscopes used to troubleshoot a module or system should be grounded to prevent damaging transients.

ELEC. TESTER:

DATE: 9/12/66